

DESCRIPTION OF THE FIGURE SHEETS

FIGURE 1 (FIGURE SHEETS 1A-1B) provides the nucleotide sequence of a cDNA (SEQ ID NO:1) molecule that encodes the transporter protein (SEQ ID NO:2) of the present invention. In addition structure and functional information is provided, such as ATG start, stop and tissue distribution, where available, that allows one to readily determine specific uses of inventions based on this molecular sequence. Experimental data as provided in Figure 1 indicates expression in humans in the uterus, liver (adult and fetal), brain (adult and fetal), lung, placenta, skin, ovary, bone marrow, colon, brain (adult and fetal), heart (adult and fetal), kidney (adult and fetal), pancreas, prostate, skeletal muscle, small intestine, spleen, and testis.

FIGURE 2 (FIGURE SHEETS 2A-2B) provides the predicted amino acid sequence (SEQ ID NO: 2) of the transporter of the present invention. In addition structure and functional information such as protein family, function, and modification sites is provided where available, allowing one to readily determine specific uses of inventions based on this molecular sequence.

FIGURE 3 (FIGURE SHEETS 3A-3D) provides genomic sequences (SEQ ID NO: 3) that span the gene encoding the transporter protein of the present invention. In addition structure and functional information, such as intron/exon structure, promoter location, etc., is provided where available, allowing one to readily determine specific uses of inventions based on this molecular sequence. As illustrated in Figure 3, six SNP positions were identified. Additionally, an A/G transition SNP has been identified at position 3101 (not illustrated in Figure 3).